

at least one power supply surrounded by an enclosure, said power supply comprising at least one heat generating component and a heat sink comprising a metal plate, wherein said metal plate is arranged outside said enclosure and said at least one heat generating component is arranged inside said enclosure and an opening through said enclosure facilitates heat transfer from said at least one heat generating component to said metal plate,

wherein said plurality of light units are secured to said at least one structural member and said at least one structural member is supported by said enclosure with said metal plate in contact with said at least one structural member to define a heat transfer interface between said metal plate and said at least one structural member, whereby heat generated by said at least one heat generating component is dissipated by said at least one structural member.

REMARKS

Independent claims 1, 10 and 15 are amended to recite warning light assemblies (claim 1), lighting components (claim 10), or light units (claim 15). Each of the independent claims begins with a preamble reciting "a light bar assembly" (claim 1), "a method of assembling a light bar" (claim 10), or "a light bar" (claim 15). The amended independent claims are properly classified together, for example, in class 362, sub-class 227.

Applicant asserts that while there may be differences between the recitations of claim 1 and the recitations of claim 15, the inventions are not independent and distinct as required by 35 U.S.C. § 121. Applicant respectfully asserts that claims 1-18 are properly examined in this application.


ELECTION WITH TRAVERSE

To strictly comply with the Examiner's election requirement, Applicant elects invention 1 with traverse.

For all of the foregoing reasons, Applicant respectfully requests withdrawal of the Restriction Requirement and favorable consideration of claims 1-18.

Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'TJ Menard', is written over a horizontal line.

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CLEAN COPY OF AMENDED CLAIMS:

- 01
1. A light bar assembly comprising:
an elongated base having front and rear elongated slots;
first and second electronics enclosures mounted to said base at longitudinally spaced positions thereof;
a top panel having front and rear elongated slots and supported by said enclosures and generally parallel to said base;
at least one cover slidably received in said base and top panel front slots;
at least one cover slidably received in said base and top panel rear slots to define an enclosure therebetween; and
a plurality of warning light assemblies secured within said enclosure.
10. A method of assembling a light bar comprising the steps of:
providing a selected length of extruded base and top plate;
providing at least one electronics enclosure;
providing lighting components configured for mounting between said extruded base and top plate;
securing said at least one electronics enclosure to said extruded base;
securing said top plate to said at least one electronics enclosure; and
securing said lighting components between said extruded base and top plate, whereby said electronics enclosure serves as a structural support between said base and top plate and determines a distance between said base and top plate.
12. The method of claim 10, wherein said step of securing said lighting components between said extruded base and top plate comprises:
slidably positioning said lighting components relative to said extruded base and top plate.
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15. A light bar comprising:

a plurality of light units to produce visible warning signal light patterns;

at least one heat conductive structural member; and

at least one power supply surrounded by an enclosure, said power supply comprising at least one heat generating component and a heat sink comprising a metal plate, wherein said metal plate is arranged outside said enclosure and said at least one heat generating component is arranged inside said enclosure and an opening through said enclosure facilitates heat transfer from said at least one heat generating component to said metal plate,

wherein said plurality of light units are secured to said at least one structural member and said at least one structural member is supported by said enclosure with said metal plate in contact with said at least one structural member to define a heat transfer interface between said metal plate and said at least one structural member, whereby heat generated by said at least one heat generating component is dissipated by said at least one structural member.